

1                                    ABSTRACT OF THE DISCLOSURE

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3            A novel crystalline aluminophosphate and metalloaluminophosphate of the

4 molecular sieve type, denominated SSZ-51, is prepared by hydrothermal synthesis

5 from reactive sources of aluminum and phosphorus, fluorine and an organic

6 templating agent, 4-dimethylaminopyridine. SSZ-51 is useful in catalysts for, e.g.,

7 hydrocarbon conversion reactions.